SONY

DCR-VX2100

3CCD MiniDV Camcorder

- MiniDV Recording
  Offers up to 530 lines of horizontal resolution, 3X color bandwidth (vs. VHS) and significantly higher S/N ratio, to provide stunning video performance.
- 3 CCD Imaging System
  Each 1/3" CCD has 380,000 pixels for brilliant digital picture-quality.
- 530 Lines of Horizontal Video Resolution
  Advanced HAD™ Megapixel CCD technology, combined with high-quality optics provide outstanding video performance with up to 530 horizontal lines of resolution.
- Digital Still Memory Mode with Memory Stick® Media
  Capture digital still images at 640x480 resolution, directly onto Memory Stick® media for easy transfer to PC's for emailing, printing, or sharing with other compatible Memory Stick® devices.
- Advanced HAD™ CCD Technology
  Enhanced CCD design allows more light to reach the imager which reduces video noise to improve signal-to-noise ratio by up to 6db (2x better than a standard CCD). Particularly effective when shooting in dark situations.
- 12X Optical/48X Digital Zoom
  The optical zoom helps to bring the action up close from far away. In addition, the digital zoom interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.
- Aspherical Ground Glass 58mm Lens
  Larger diameter allows more light to strike the Advanced HAD™ CCD imagers for greater detail and clarity, while the aspherical lens reduces optical distortion, and provide better corner-to-corner focus.
- 2.5" Precision Hybrid SwivelScreen™ LCD Display[4] (211K Pixels)
  Provides excellent viewing clarity with improved resolution. The 211K pixel LCD display makes images sharp and detailed during playback or when monitoring recording. The Hybrid Reflective-Transmissive LCD Screen provides accurate viewing in sunlight or bright light, virtually eliminating the "wash-out" common with traditional LCD Screens.
- Manual Zoom Ring
  Allows user operated manual zoom speed for more flexibility and control.
- Precision Color Viewfinder (180K Pixels)
  Increased pixel count provides more detail and clarity of video subjects.
- Manual Shutter Speed
  Gives you optimum control over the shutter speed based upon shooting environment or desired effect.
- Manual Exposure Dial
  Create your own special look by controlling the camera's exposure amount manually, allowing in less or more light for creative control.
- Stamina Power Management System 9 Hours (Using Optional NP-F960)
  The Sony DCR-VX2100 can record for up to 9 hours or playback for up to 13 hours (with LCD screen off) on a single charge with the optional NP-F960[3] .
- InfoLITHIUM® Battery with AccuPower™ Meter System
  Charge the battery at any time because unlike NiCad (Nickel Cadmium) batteries Sony's rechargeable Lithium-Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in the viewfinder or the LCD screen.
- Super SteadyShot Optical Stabilization System
  An advanced version of Sony's SteadyShot® System that minimizes even high frequency shake and vibration using motion sensors and an optical active prism stabilization system, for better performance even in difficult shooting situations.
- i.LINK®[2] DV Interface (IEEE1394)
  A high speed bi-directional digital video/audio communication between two devices equipped with an IEEE1394 interface, including camcorders, digital VCRs, and PCs.
- Intelligent Accessory Shoe
  Provides power, on/off and special operational commands to a variety of Sony Intelligent Accessories via an 8-pin interface. This enables easy synchronized operation between the Handycam® camcorder and such accessories as video lights, infrared lights and microphones without additional batteries or cables.
- Progressive Shutter System
  Mechanical shutter system that provides Progressive Scan performance while utilizing aninterlace scanning system. Digital still images will be sharp and clear with excellent definition.

Mini DV

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Specifications

General

Imaging Device: 1/3" Advanced HAD™ CCD
Pixel Gross: 380k
Recording Media: MiniDV Cassette, Memory Stick® Media, Memory Stick Duo™ Media (sold separately)
Recording and Playback Times: SP: up to 60 min., LP: up to 90 min.
Video Actual: 340K Pixels (per Imager)
Still Actual: 340K Pixels

Audio

Dolby® Digital Output: PCM
Recording Format: Stereo

Convenience

USB Streaming: N/A
SteadyShot® Image Stabilization: Yes (Optical)
Accessory Shoe: Yes (Intelligent)
White Balance: Auto, Hold, Indoor, Outdoor
Memory Stick PRO™ Media Compatibility: N/A
Still Image Mode(s): JPEG
Minimum Illumination: 1 Lux

Convenience Features

Easy Operation: End Search
Multiple Language Display: Yes
Remote Control: Yes
Slide Show Mode: Yes
Titling: Yes
Light/Flash: N/A
Movie Mode(s): N/A
Scene Mode(s): Aperture Priority, Low Lux Mode, Shutter Speed Priority, Sports Lesson, Sunset & Moon
Picture Effect(s): Black & White, Negative Art, Sepia, Slim, Solarize and Stretch
Digital Picture Effect(s): Flash, Luminance Key, Old Movie, Still, Trail
PictBridge Compatible: N/A
Low Light Capability: N/A
Fader Effect(s): Dot Fader, Fader, Monotone, Overlap, Wipe

Video

Video Recording System: 2 Rotary Heads, Helical Scanning System
Analog-to-Digital Converter: Yes (with Pass Through)
Video Signal: NTSC color, EIA standards

Inputs and Outputs

LANC Terminal: Yes (Stereo Mini)
Analog Audio/Video Input(s): Yes (Mini Plug)
Analog Audio/Video Output(s): Yes (Mini Plug)
Digital Audio/Video Input(s): Yes (via i.LINK®)[3]
Digital Audio/Video Output(s): Yes (via i.LINK®)[3]
USB Port(s): N/A
i.LINK® Interface: Yes[3]
Component Video (Y/Pb/Pr) Output(s): N/A
Headphone Jack: Yes (Stereo Mini)
Microphone Input: Yes (Stereo Mini)
Remote Jack: N/A
S-Video Input(s): Yes
S-Video Output(s): Yes
HDMI™ Connection Output(s): N/A

Display

LCD Screen: 2.5" (211K Pixels Precision Hybrid SwivelScreen™ LCD Display)[4]

Hardware

Viewfinder: Color (180K Pixels, Precision)
Docking Station: N/A
Microphone: Yes (Built-in)

Optics/Lens

35mm Equivalent: 43.2-518.4mm (Camera Mode), 43.2-518.4mm (Memory Mode)
Aperture: f1.6-f2.4
Exposure: Manual Dial (19 Steps)
Filter Diameter: 58mm
Focal Distance: 6.0-72mm
Focus: Full Range Auto, Manual Ring
Progressive Shutter Mode: Yes
Shutter Speed: 1/4-1/10,000 (Manually Adjustable)
Optical Zoom: 12X
Digital Zoom: 48X
Resolution: VGA
Lens Type: Aspherical Ground Glass

Power

Power Consumption: 4.0W/ 4.7W/ 5.0W (VF/LCD/VF LCD)
Battery Type: InfoLITHIUM® with AccuPower™ Meter System (NP-F330)
Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts; 90 Days Labor

Software

Operating System Compatibility: N/A
Supplied Software: N/A

Dimensions

Weight: 3 lbs 5 oz (1500g) including the hood and lens cap, 3 lbs 9 oz (1.6Kg) inc. NP-F330 rechageable battery pack and DVM60 cassette.
Measurements: 4 8/11" x 6 4/15 "x 15 7/15" (120 x 159 x 393mm)

Supplied Accessories

Power Adaptor/ In Camera Charger (AC-L15)
InfoLITHIUM® Rechargeable Battery (NP-F330)
Wireless Remote Commander® Remote Control (RMT-811)
8MB Memory Stick Media
2AA Batteries
Stereo A/V Cable
Lens Hood
Shoulder Strap

Optional Accessories

Memory Stick® Media (MSH-128)
InfoLITHIUM® Batteries (NPF-570/770/970)
AC Adapter/Charger (AC-L100)
Polarizing Filter Kit (VF-58CPKS)
Wide Angle Conversion Lens (VCL-HG0758)
Telephoto Conversion Lens (VCL-HG1758)
Wired Remote Control (RM-VD1)
Remote Control Tripod (VCT-870RM)
Stereo Microphone (ECM-MSD1)

UPC Code: 027242639812

BATTERY LIFE[3]

Battery[3] (Fully charged)	Continuous Record Time VF/LCD/VF+LCD	Continuous Playback Time LCD On/Off
NP-F330	80/60/60 min	85/120 min
NP-F550	150/130/120 min	185/225 min
NP-F750	315/265/250 min	375/460 min
NP-F960	575/480/450 min	380/830 min

MEMORY MODE[1]

Still Pictures — Fine/Standard (Approx.)

Memory Stick® Media[1]	Fine (640x480)	Standard (640x480)
8MB	50	120
16MB	96	240
32MB	195	485
64MB	390	980
128MB	780	1970

1. Available storage capacity of Memory Stick media may vary. A portion of the memory is used for data management functions. Actual available memory in MBs is: 8=7.5, 16=15, 32=30, 64=61, 128=123.
2. i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE1394 connector. All products with an IEEE1394 connector may not communicate with each other.
3. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
4. Viewable area measured diagonally.

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Features and specifications subject to change without notice. Non-metric weights and measures are approximate.
Please visit the Dealer Network for more information at www.sony.com/dn
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

Please visit the Dealer Network for more information at www.sony.com/dn